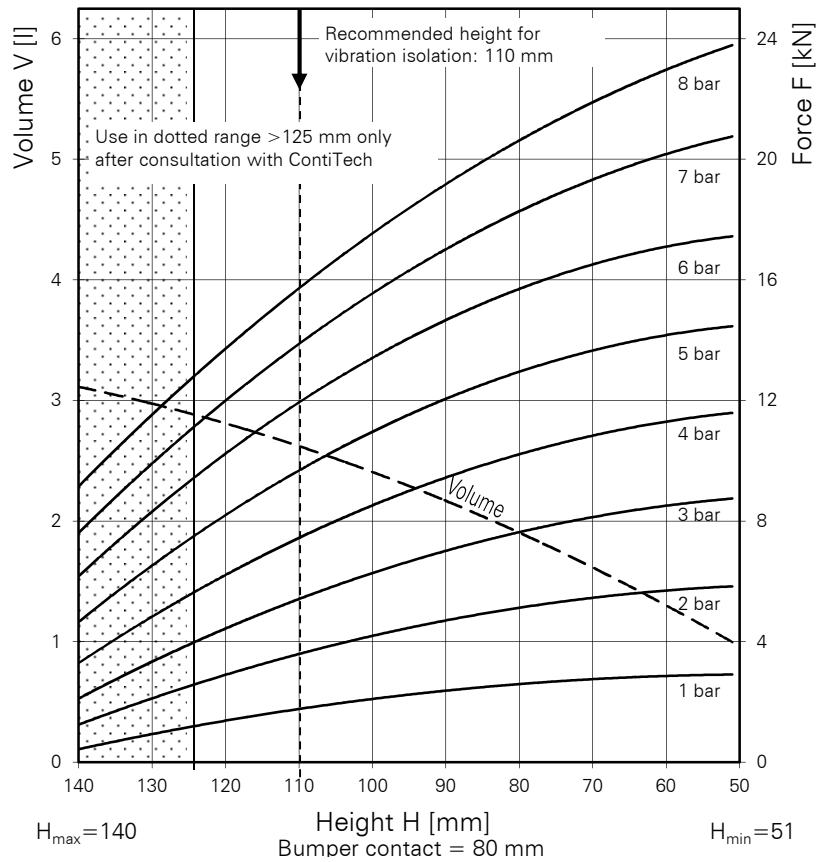
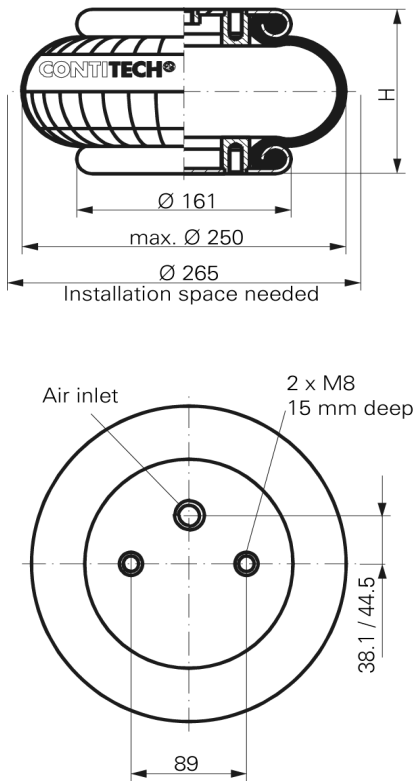


# FS 200-10 CI

# Single Convolution Air Spring



### Purchase order data

Type	Order No.
Rubber bellows only	60319
With clamped plates G 3/4 air inlet 38.1 mm excentric	2681 045 000
With clamped plates G 1/4 air inlet 44.5 mm excentric	60030
With clamped plates G 1/4 air inlet 44.5 mm excentric with bumper	2681 047 000
With stainless steel plates, G 3/4 air inlet 38.1 mm excentric	on request

Additional types on request



Service instructions

M8 = 25 Nm

G 3/4 = 50 Nm

G 1/4 = 25 Nm

### Technical data

Min. pressure	0 bar
Return force to min. height	≤ 200 N
Overall weight with clamped plates	2.3 kg

#### Vibration isolation - dynamic characteristic values

Design height H: recommended 110mm, minimum 90mm

Pressure p [bar]	3	4	5	6	7	8	Vol. V[l]
Force (Load) [kN]	5.5	7.5	9.6	11.9	14.0	15.7	2.7
Spring rate [N/cm]	1500	2050	2600	3150	3700	4250	
Natural frequency [Hz]	2.6	2.6	2.6	2.6	2.6	2.6	

#### Pneumatic application - static characteristic values

Force F [kN]

Pressure p [bar]	3	4	5	6	7	8	Vol.[l]
Height H [mm]	120	4.5	6.2	8.2	10.4	12.1	2.8
	110	5.5	7.5	9.6	11.9	14.0	2.6
	100	6.3	8.6	11.0	13.4	15.5	2.4
	90	7.0	9.4	12.1	14.6	17.0	2.2
	80	7.6	10.2	13.0	15.7	18.2	2.0
	70	8.1	10.9	13.6	16.5	19.3	1.8
	60	8.5	11.3	14.2	17.1	20.1	1.6

Measuring procedure: Room temperature / Force- height- data quasistatic / Dynamic data at 1 Hz